

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number
WO 2005/016130 A2

(51) International Patent Classification⁷:

A61B

(21) International Application Number:

PCT/US2004/026508

(22) International Filing Date: 13 August 2004 (13.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/495,741

14 August 2003 (14.08.2003)

US

(71) Applicant (for all designated States except US): **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FLANNERY, Carl Ralph** [US/US]; 13 Brucewood Road, Acton, MA 01720 (US). **CORCORAN, Christopher John** [US/US]; 170 E. Broadway, Apt. 3, Arlington, MA 02474 (US). **FREE-MAN, Bethany Annis** [US/US]; 52 Foster Street, Arlington, MA 02474 (US). **RACIE, Lisa Anne** [US/US]; 124 School Street, Acton, MA 01720 (US).

(74) Agent: **GATSCHET, Mark J.**; Jenkins & Gilchrist, 1401 McKinney, Suite 2600, Houston, TX 77010 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RECOMBINANT LUBRICIN MOLECULES AND USES THEREOF

(57) Abstract: Recombinant lubricin molecules and uses thereof. Novel recombinant lubricin molecules and their uses as lubricants, anti-adhesive agents and/or intra-articular supplements for, e.g., synovial joints, meniscus, tendon, peritoneum, pericardium and pleura, are provided.



WO 2005/016130 A2